

Supplemental Material to:

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microRNA-17 regulates the expression of ATG7 and modulates the autophagy process, improving the sensitivity to Temozolomide and low-dose ionizing radiation treatments in human glioblastoma cells

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Supplementary Table 1. T98G replating-efficiency after combined miR-17 inhibitor and Temozolomide treatments

Treatment	# of clones			Mean	s.d.
Mock	50	48	45	48	3
TMZ (250 µM)	50	44	28	41	11
TMZ (500 µM)	1	1	0	1	1
AmiR-17 (2.5 µM)	48	42	46	45	3
AmiR-17 (2.5 µM) + TMZ (250 µM)	12	10	13	12	2
AmiR-17 (2.5 µM) + TMZ (500 µM)	2	0	1	1	1

TMZ= Temozolomide, AmiR-17= miR-17 inhibitor

Supplementary Table 2. U373-MG replating-efficiency after combined miR-17 inhibitor and ionizing radiation treatments

Treatment	# of clones			Mean	s.d.
Mock	101	111	132	115	16
IR (1.2 Gy)	122	103	102	109	11
IR (5 Gy)	36	36	22	31	8
AmiR-17 (2.5 µM)	85	94	101	93	8
AmiR-17 (2.5 µM) + IR (1.2 Gy)	33	36	56	42	13
AmiR-17 (2.5 µM) + IR (5 Gy)	21	16	27	21	6

IR= Ionizing Radiation, AmiR-17= miR-17 inhibitor